LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125826.D
Acq On : 13 Oct 2021 14:46
Operator : JU/CG
Sample : M4127-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-26644

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125826.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.457	568	573	576	rBV	3377102	3155338	73.85%	5.546%
2	6.469	740	745	748	rBV	3365338	3107168	72.72%	5.461%
3	6.845	805	809	812	rBV	1302110	1037471	24.28%	1.823%
4	7.022	836	839	843	rVB	150241	125295	2.93%	0.220%
5	7.404	899	904	907	rBV	2102254	1955619	45.77%	3.437%
6	8.022	1006	1009	1015	rBV	545902	485576	11.36%	0.853%
7	8.122	1022	1026	1029	rBV	1692257	1461044	34.19%	2.568%
8	8.422	1073	1077	1080	rVB3	79953	95197	2.23%	0.167%
9	8.510	1088	1092	1095	rBV5	56778	76370	1.79%	0.134%
10	8.551	1095	1099	1100	rBV2	66477	71109	1.66%	0.125%
11	8.592	1104	1106	1109	rVB2	145110	120196	2.81%	0.211%
12	8.675	1115	1120	1124	rBV6	81103	166050	3.89%	0.292%
13	8.763	1129	1135	1136	rBV5	74040	153909	3.60%	0.270%
14	8.816	1140	1144	1146	rVV4	119337	119534	2.80%	0.210%
15	8.875	1151	1154	1156	rBV3	131232	134172	3.14%	0.236%
16	8.933	1162	1164	1165	rBV	114316	87931	2.06%	0.155%
17	8.969	1168	1170	1174	rVB4	72965	73183	1.71%	0.129%
18	9.004	1174	1176	1177	rBV2	104332	95257	2.23%	0.167%
19	9.086	1184	1190	1193	rBV7	169919	304674	7.13%	0.535%
20	9.122	1193	1196	1198	rVV2	352900	263445	6.17%	0.463%
21	9.151	1198	1201	1204	rBV3	277050	282447	6.61%	0.496%
22	9.198	1205	1209	1212	rBV	4403892	3473174	81.29%	6.104%
23	9.239	1214	1216	1218	rBV2	91286	77930	1.82%	0.137%
24	9.280	1220	1223	1228	rVV5	536760	597799	13.99%	1.051%
25	9.328	1228	1231	1233	rVV3	187127	219330	5.13%	0.385%
26	9.351	1233	1235	1237	rVV3	230482	202403	4.74%	0.356%
27	9.392	1240	1242	1245	rVB3	170778	201363	4.71%	0.354%
28	9.475	1254	1256	1259	rBV4	149242	124127	2.91%	0.218%
29	9.516	1260	1263	1264	rBV2	254202	250094	5.85%	0.440%
30	9.539	1264	1267	1269	rVV3	433530	426280	9.98%	0.749%
31	9.563	1269	1271	1273	rVB	437308	349019	8.17%	0.613%
32	9.592	1273	1276	1280	rBV2	1900980	2365990	55.37%	4.158%
33	9.628	1280	1282	1284	rVV3	409968	462745	10.83%	0.813%
34	9.651	1284	1286	1290	rVB3	438089	487302	11.40%	0.856%
35	9.751	1299	1303	1305	rBV3	868744	1012399	23.69%	1.779%
36	9.798	1308	1311	1313	rVB	1861697	1702042	39.83%	2.991%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125826.D
Acq On : 13 Oct 2021 14:46
Operator : JU/CG
Sample : M4127-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-26644

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.833	1314	1317	1319	rBV2	387106	343744	8.05%	0.604%
38	9.880	1319	1325	1328	rBV5	2262294	3407307	79.75%	5.988%
39	9.910	1328	1330	1335	rBV3	682142	957161	22.40%	1.682%
40	9.992	1341	1344	1347	rBV3	408481	469318	10.98%	0.825%
41	10.022	1347	1349	1351	rBV	502214	464059	10.86%	0.816%
42	10.080	1357	1359	1361	rVB2	673941	486258	11.38%	0.855%
43	10.145	1367	1370	1372	rBV2	1096705	1058449	24.77%	1.860%
44	10.204	1377	1380	1381	rBV2	736875	797930	18.67%	1.402%
45	10.222	1381	1383	1386	rVB4	678300	529931	12.40%	0.931%
46	10.257	1386	1389	1391	rBV3	765143	826565	19.35%	1.453%
47	10.292	1391	1395	1399	rVV3	1909961	2139811	50.08%	3.761%
48	10.422	1415	1417	1419	rBV2	813791	910892	21.32%	1.601%
49	10.539	1435	1437	1440	rVB	1250150	1121150	26.24%	1.970%
50	10.669	1455	1459	1462	rBV3	1546031	2009774	47.04%	3.532%
51	10.810	1478	1483	1486	rBV2	3237427	4272751	100.00%	7.509%
52	11.274	1560	1562	1566	rVB	1813764	1766980	41.35%	3.105%
53	11.392	1580	1582	1589	rVB	1318862	1435292	33.59%	2.523%
54	12.586	1782	1785	1789	rVB	1476925	1416848	33.16%	2.490%
55	12.810	1821	1823	1830	rVB	1072292	1075211	25.16%	1.890%
56	12.951	1844	1847	1853	rVB	2722668	2551198	59.71%	4.484%
57	13.998	2021	2025	2028	rBV2	1317722	1516598	35.49%	2.665%
58	14.762	2152	2155	2160	rBV	218849	228225	5.34%	0.401%
59	15.027	2197	2200	2204	rBV	241548	390120	9.13%	0.686%
60	15.327	2248	2251	2256	rVB	151717	194774	4.56%	0.342%
61	15.386	2258	2261	2264	rVB	157031	149738	3.50%	0.263%
62	15.451	2268	2272	2276	rBV	838418	985712	23.07%	1.732%
63	17.327	2587	2591	2597	rVB2	33312	69856	1.63%	0.123%

Sum of corrected areas: 56898634

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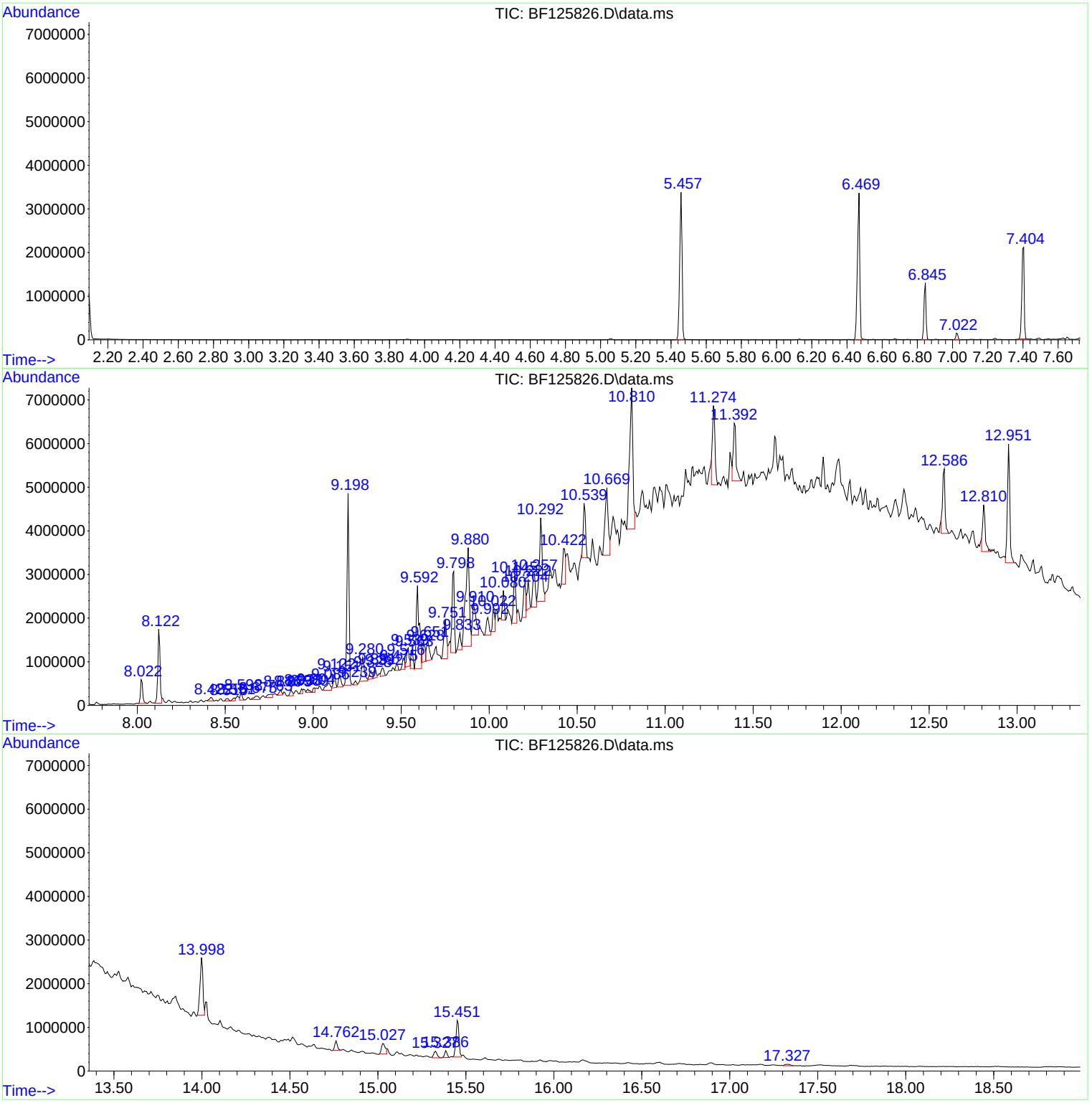
Instrument :
BNA_F
ClientSampleId :
CHRT-26644

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Data File : BF125826.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

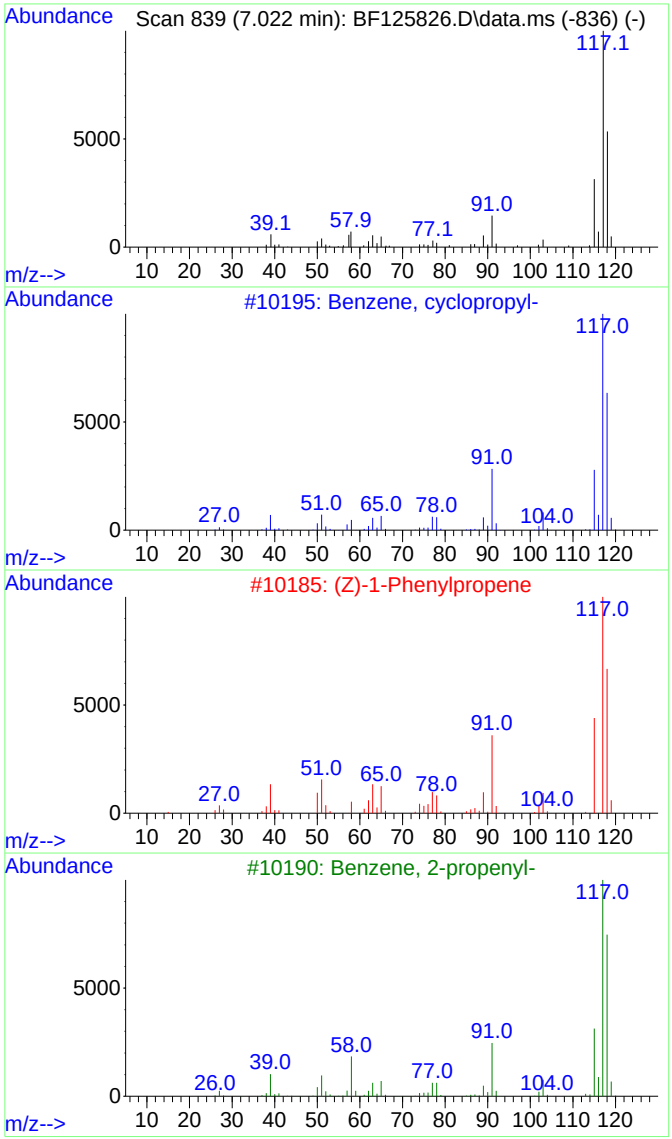
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

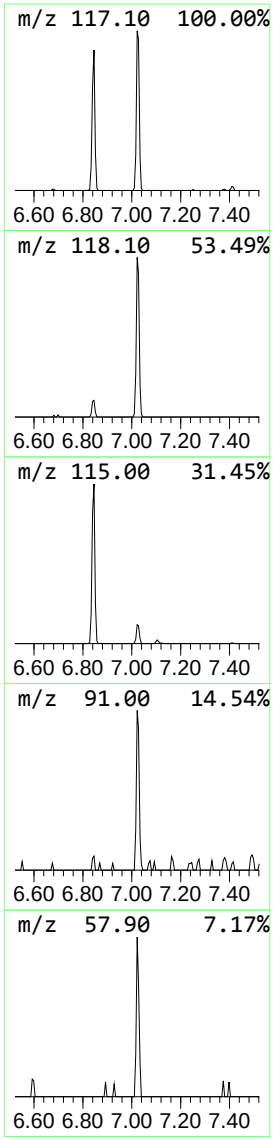
****

Peak Number 1 Benzene, cyclopropyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.022	2.42 ng	125295	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	81
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125826.D
Acq On : 13 Oct 2021 14:46
Operator : JU/CG
Sample : M4127-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-26644

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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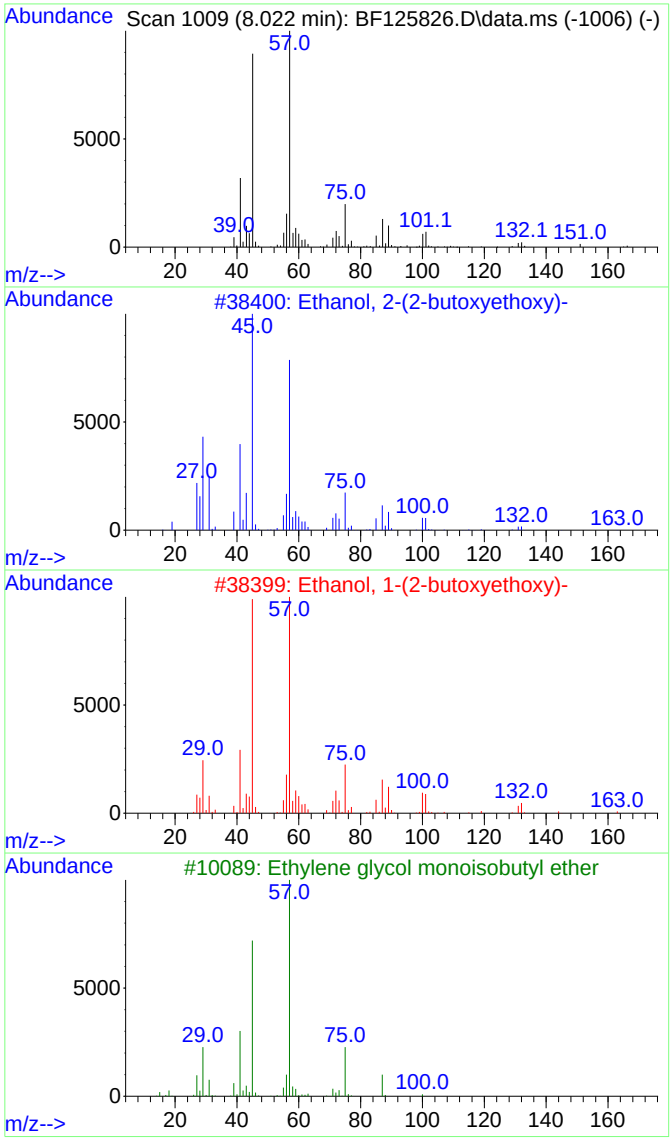
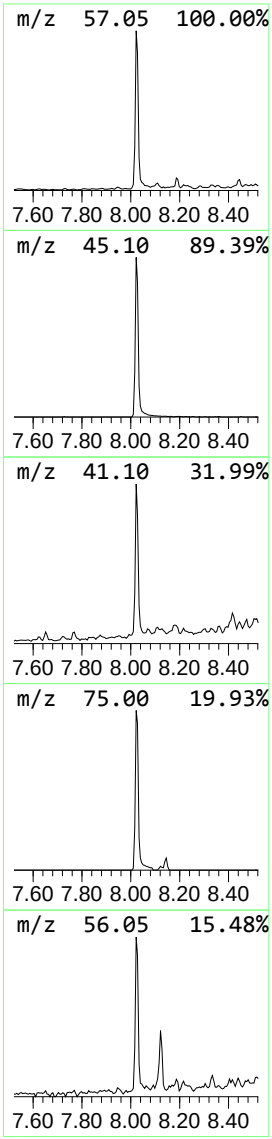
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.022	6.65 ng	485576	Naphthalene-d8	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50
5	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125826.D
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Operator : JU/CG
Sample : M4127-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-26644

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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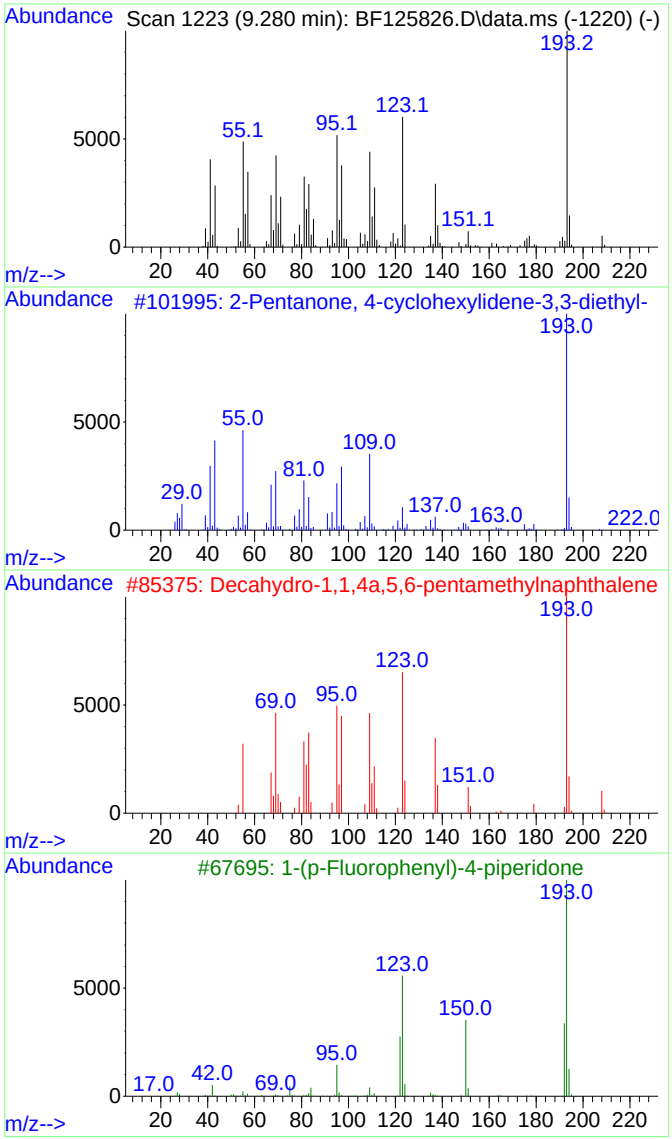
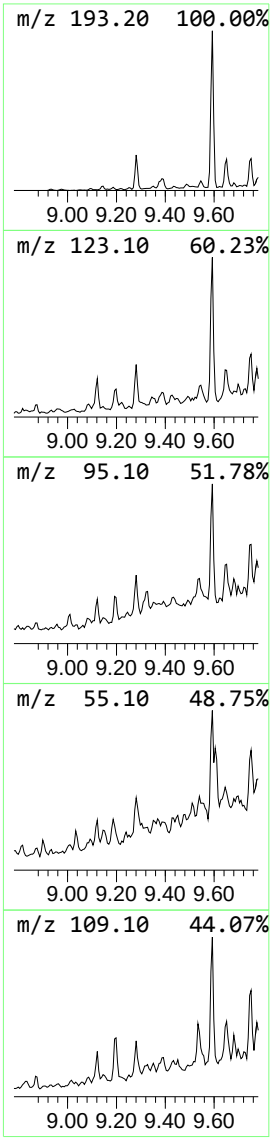
Peak Number 3 2-Pentanone, 4-cyclohexylid... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.280	3.51 ng	597799	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	50
2	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	46
3	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	43
4	2-Anthracenamine	193	C14H11N	000613-13-8	22
5	6-Methylphenanthridine	193	C14H11N	003955-65-5	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125826.D
Acq On : 13 Oct 2021 14:46
Operator : JU/CG
Sample : M4127-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-26644

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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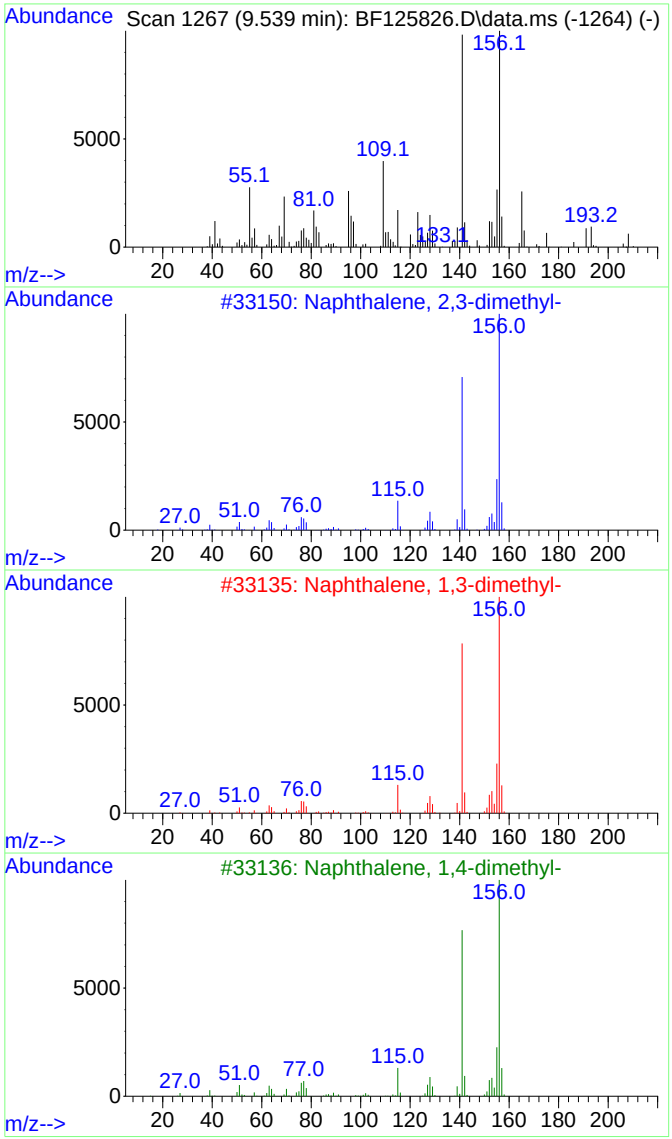
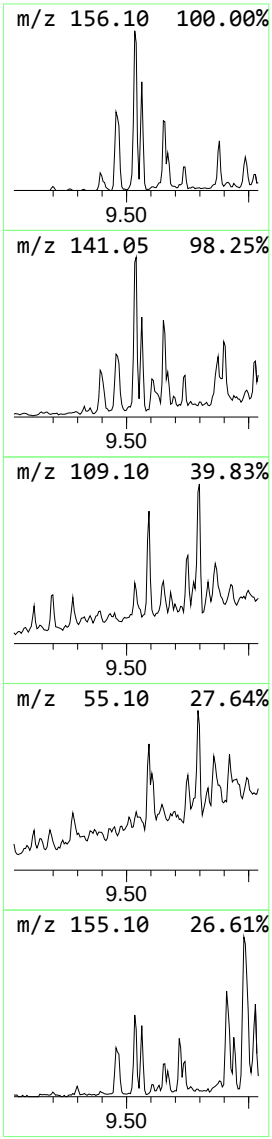
Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.539	2.50 ng	426280	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125826.D
Acq On : 13 Oct 2021 14:46
Operator : JU/CG
Sample : M4127-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-26644

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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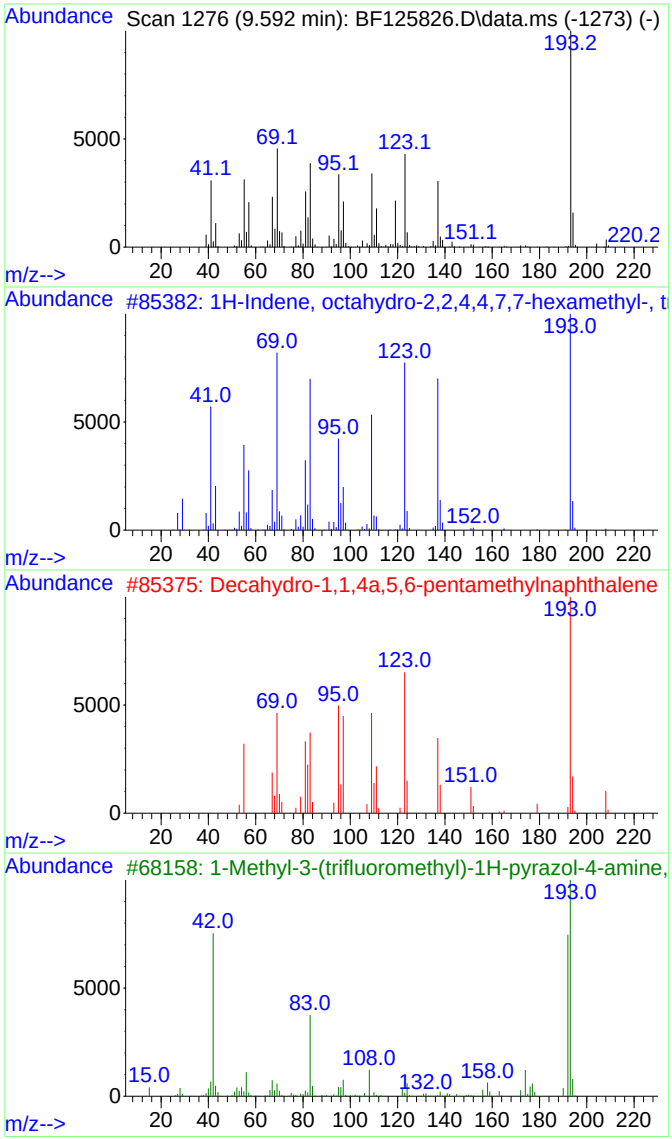
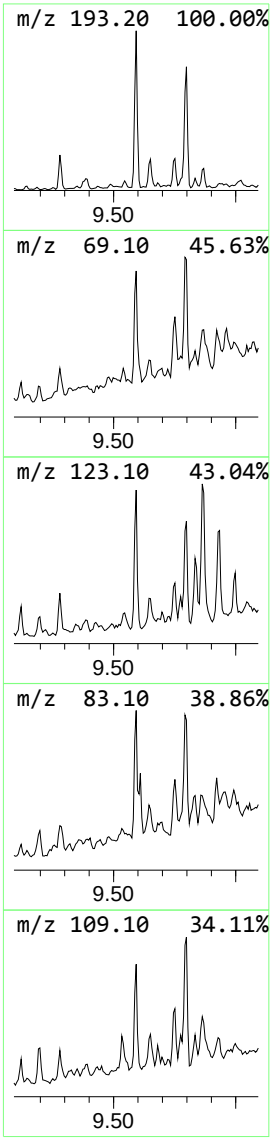
Peak Number 5 unknown9.592 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	13.89 ng	2365990	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	47
2	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	42
3	1-Methyl-3-(trifluoromethyl)-1H-...	193	C7H10F3N3	1000511-73-1	38
4	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	37
5	2-Anthracenamine	193	C14H11N	000613-13-8	30





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Data File : BF125826.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-26644

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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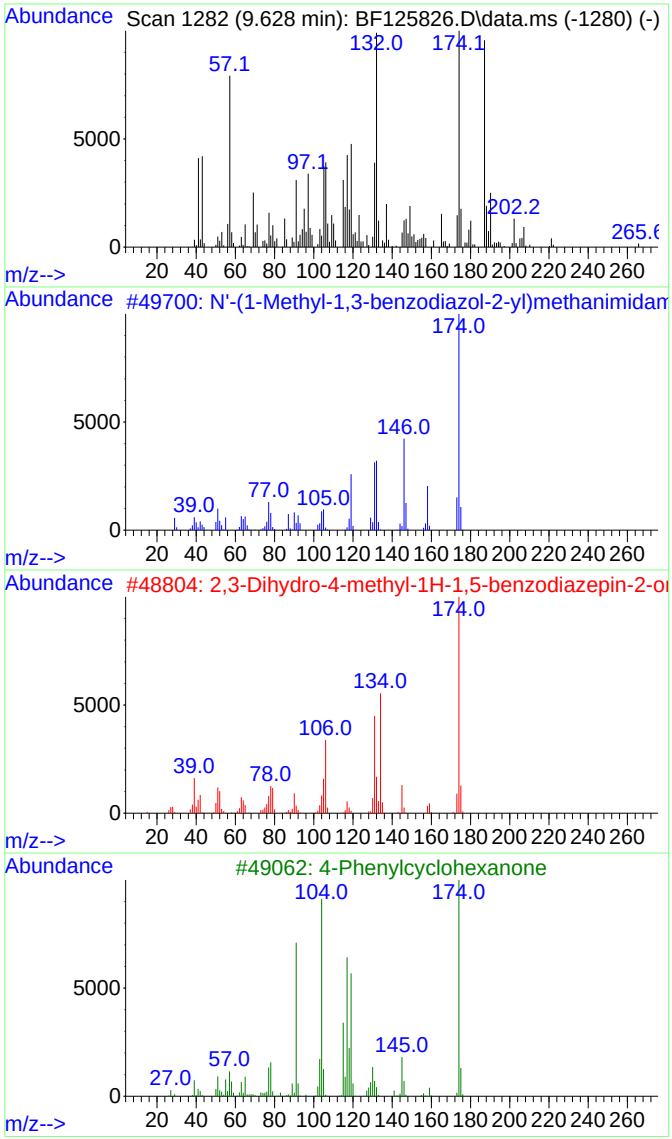
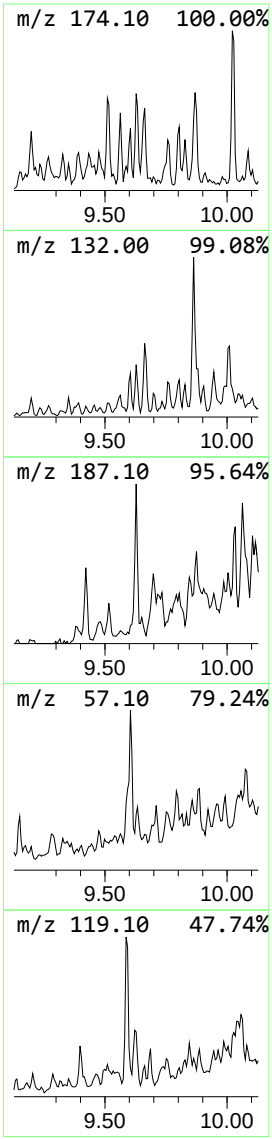
Peak Number 6 unknown9.628 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.628	2.72 ng	462745	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N'-(1-Methyl-1,3-benzodiazol-2-y...	174	C9H10N4	1000443-47-8	38
2	2,3-Dihydro-4-methyl-1H-1,5-benz...	174	C10H10N2O	006276-48-8	22
3	4-Phenylcyclohexanone	174	C12H14O	004894-75-1	22
4	Silane, dimethyl(3-methylbut-2-e...	202	C10H22O2Si	1000347-96-2	14
5	2-Benzylidenecyclopentanol, (E)-	174	C12H14O	058738-53-7	11





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125826.D
Acq On : 13 Oct 2021 14:46
Operator : JU/CG
Sample : M4127-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-26644

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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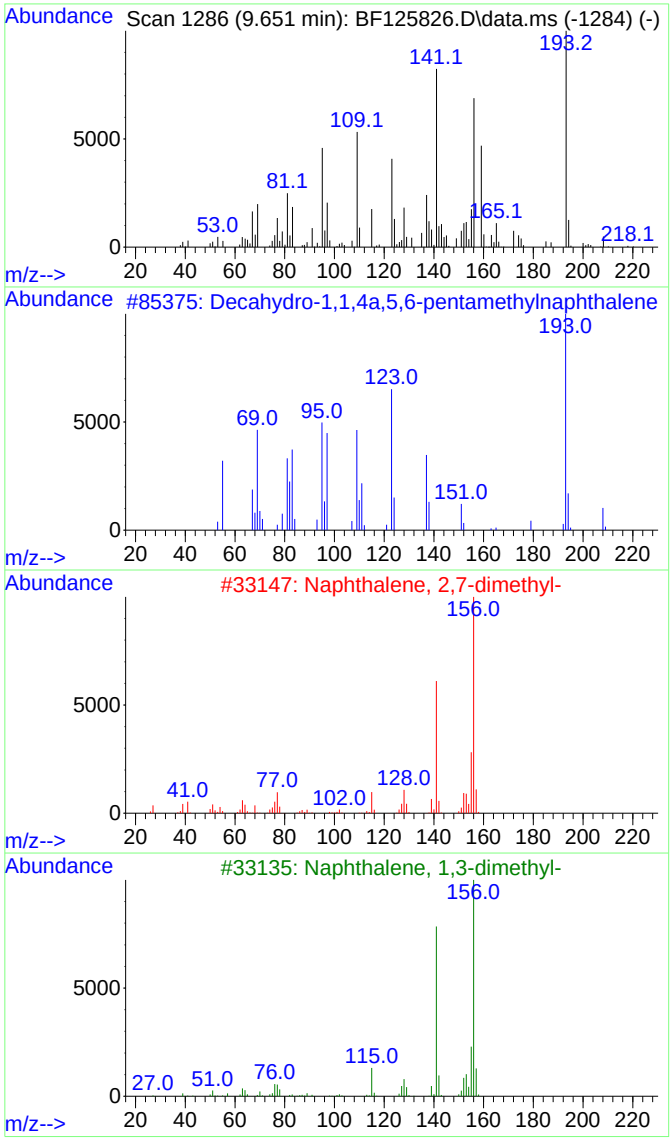
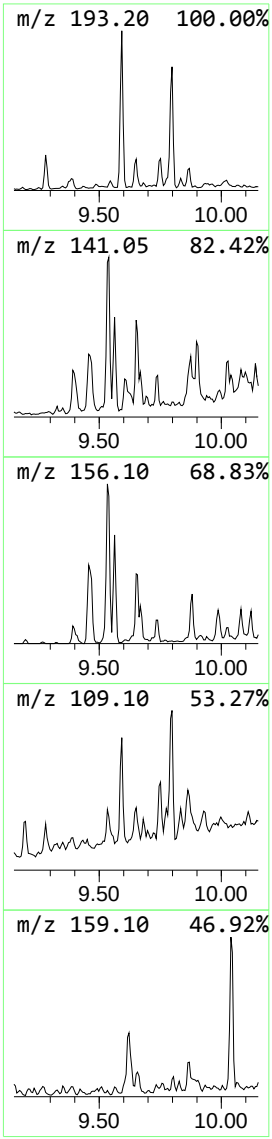
Peak Number 7 unknown9.651 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.651	2.86 ng	487302	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	42
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	35
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	35
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	35
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	35





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Operator : JU/CG
Sample : M4127-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-26644

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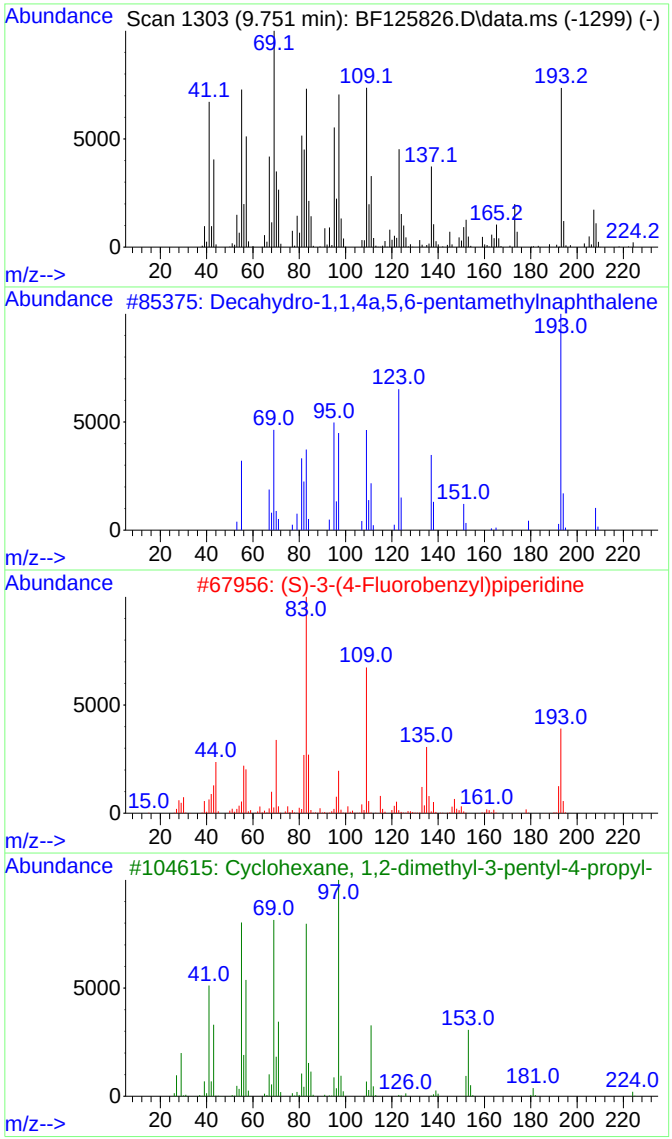
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

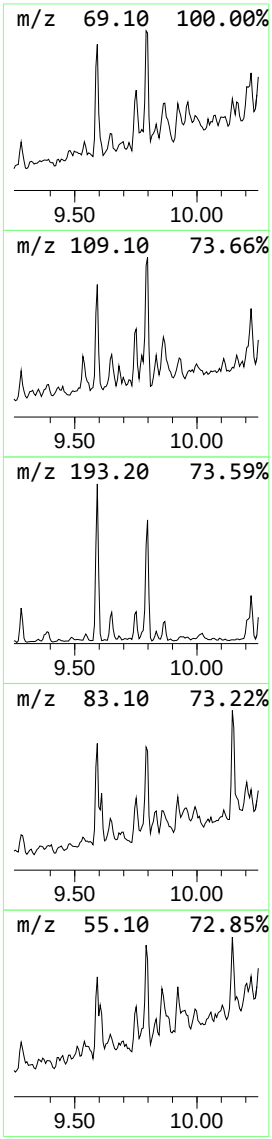
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.751	5.94 ng	1012400	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	93
2	(S)-3-(4-Fluorobenzyl)piperidine	193	C12H16FN	275815-80-0	49
3	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	45
4	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	30
5	Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	069147-03-1	25





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Sample : M4127-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-26644

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

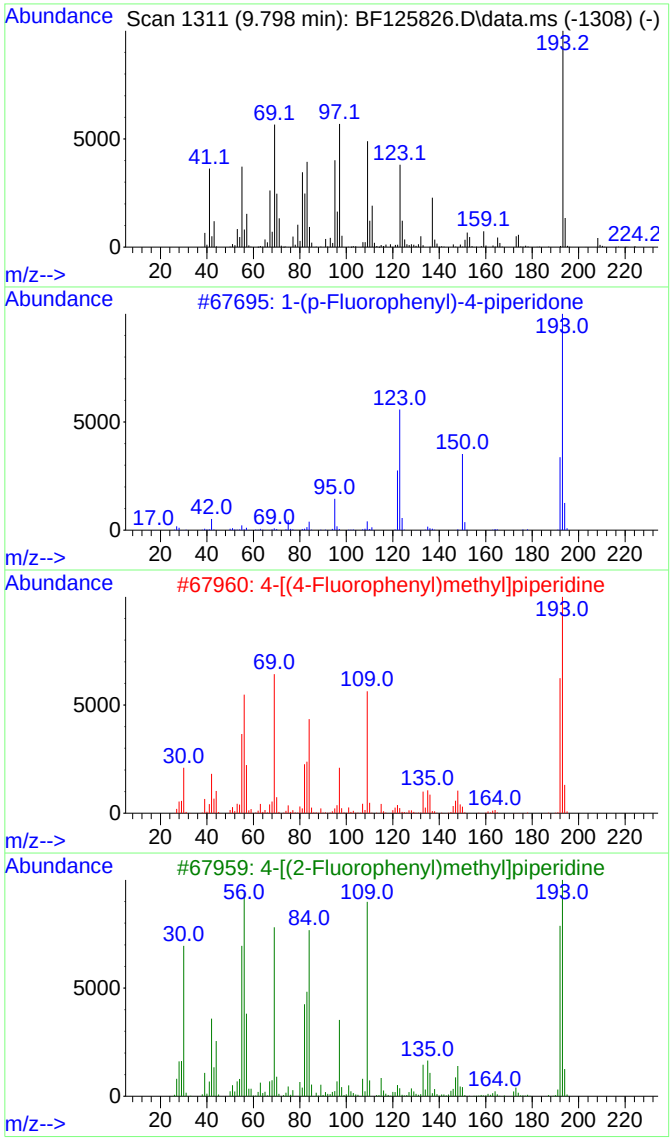
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

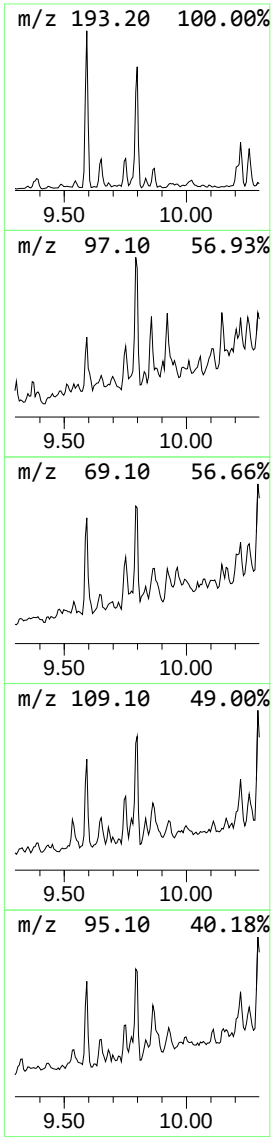
****

Peak Number 9 unknown9.798 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.798	9.99 ng	1702040	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	27
2	4-[(4-Fluorophenyl)methyl]piperi...	193	C12H16FN	092822-02-1	25
3	4-[(2-Fluorophenyl)methyl]piperi...	193	C12H16FN	194288-97-6	25
4	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	14
5	Butan-2-one, 1-[3-(3,3-dimethyl-...	278	C16H26N2O2	1000303-34-2	14





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ClientSampleId :
CHRT-26644

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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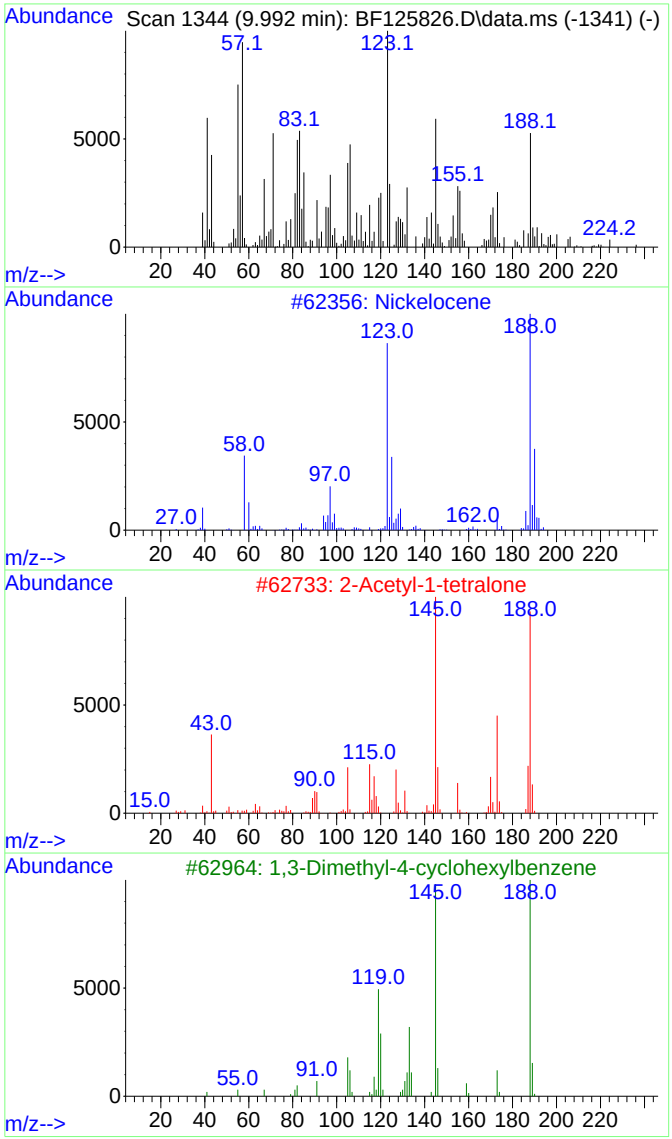
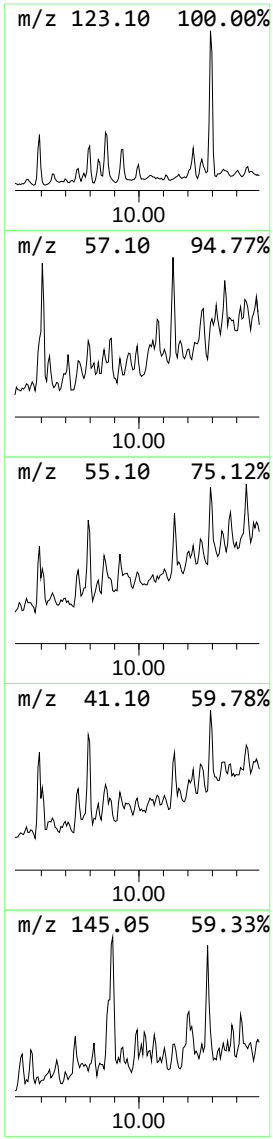
Peak Number 10 unknown9.992 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.992	2.75 ng	469318	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nickelocene	188	C10H10Ni	001271-28-9	27
2	2-Acetyl-1-tetralone	188	C12H12O2	017216-08-9	25
3	1,3-Dimethyl-4-cyclohexylbenzene	188	C14H20	004501-51-3	18
4	Naphthalene, 2,3-dimethoxy-	188	C12H12O2	010103-06-7	18
5	3-Buten-2-one, 4-(4-hydroxy-2,2,...	224	C13H20O3	038274-01-0	14





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-26644

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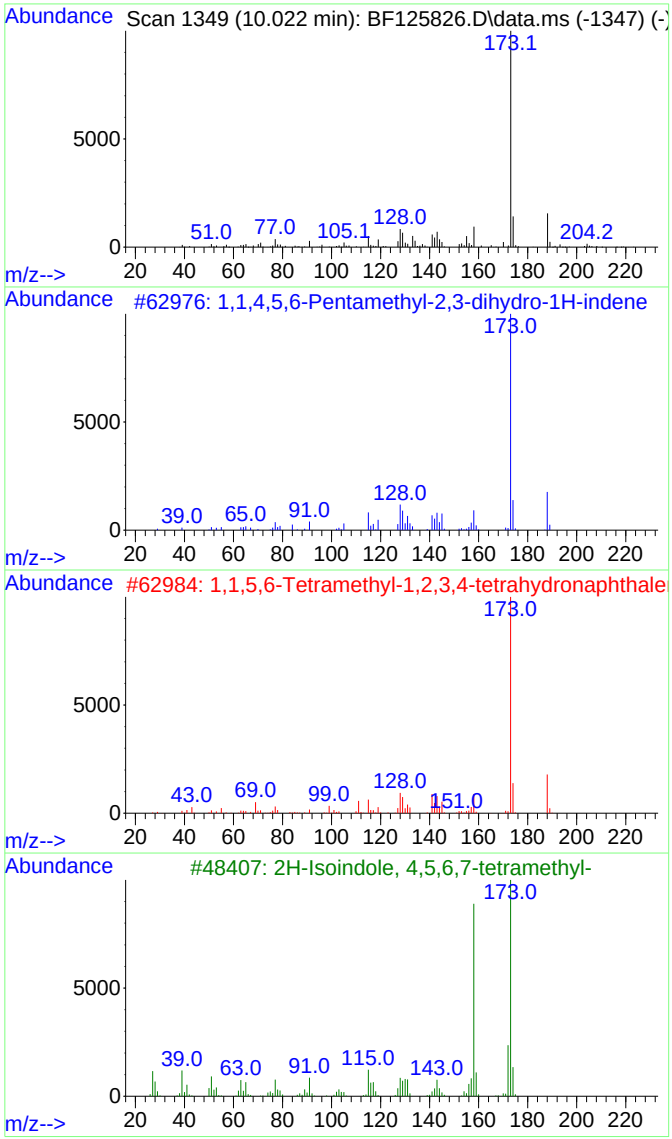
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

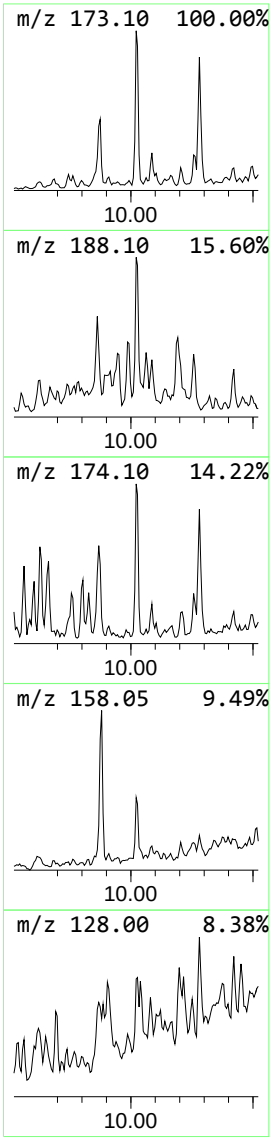
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1,1,4,5,6-Pentamethyl-2,3-d... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.022	2.72 ng	464059	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4,5,6-Pentamethyl-2,3-dihydr...	188	C14H20	016204-67-4	94
2	1,1,5,6-Tetramethyl-1,2,3,4-tetr...	188	C14H20	031197-54-3	91
3	2H-Isoindole, 4,5,6,7-tetramethyl-	173	C12H15N	070187-61-0	64
4	3'-(Trifluoromethyl)acetophenone	188	C9H7F3O	000349-76-8	59
5	4'-(Trifluoromethyl)acetophenone	188	C9H7F3O	000709-63-7	59





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Sample : M4127-08
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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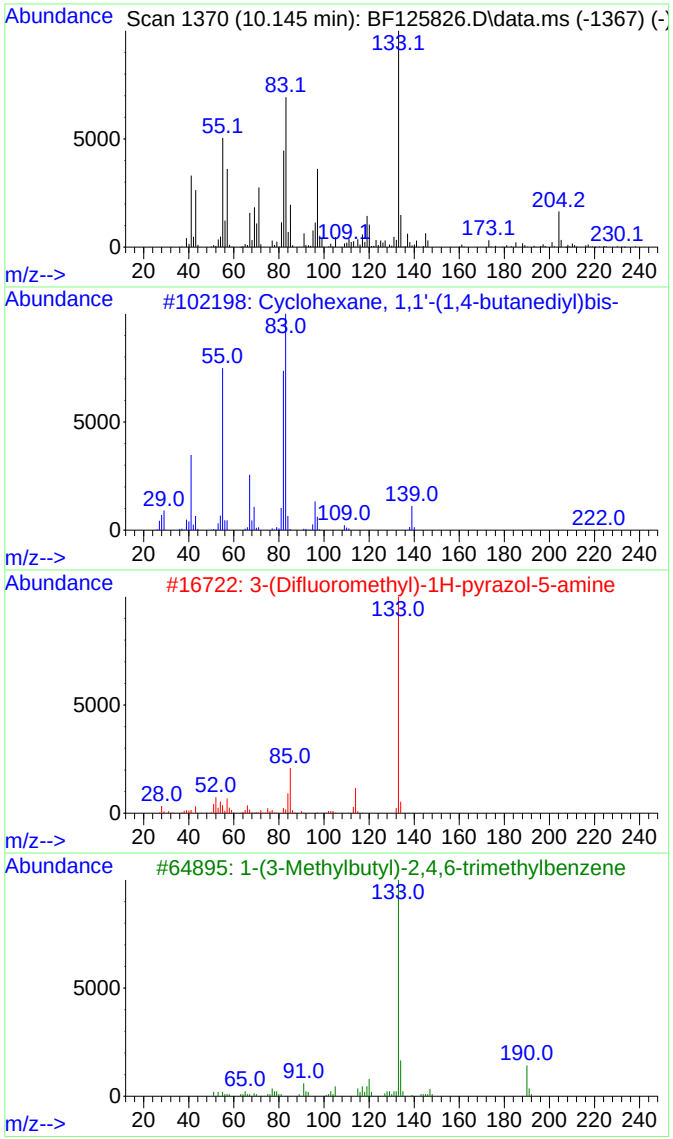
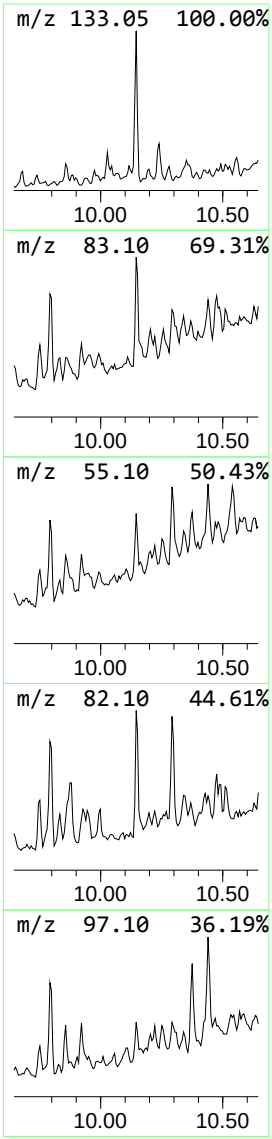
Peak Number 12 unknown10.145 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.145	6.21 ng	1058450	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	38
2	3-(Difluoromethyl)-1H-pyrazol-5-...	133	C4H5F2N3	1284220-49-0	30
3	1-(3-Methylbutyl)-2,4,6-trimethy...	190	C14H22	016204-65-2	27
4	Cyclohexane, 1,1'-(1,2-ethanediy...	194	C14H26	003321-50-4	22
5	Cyclohexane, 1,1'-(1,5-pentanedi...	236	C17H32	054833-31-7	22





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Sample : M4127-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-26644

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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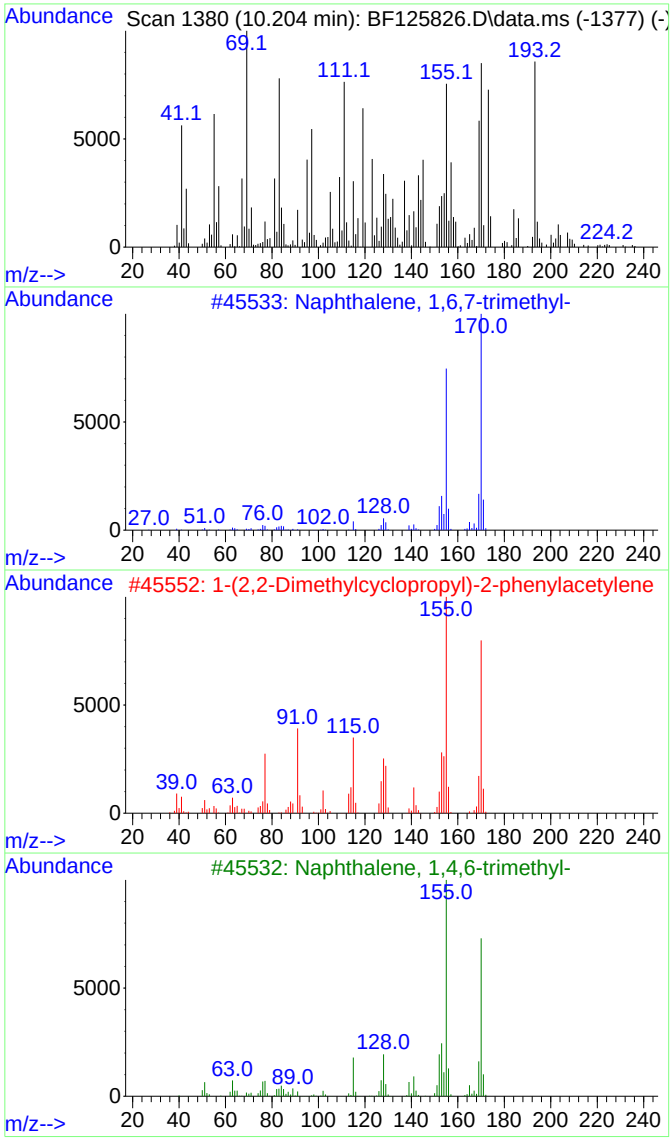
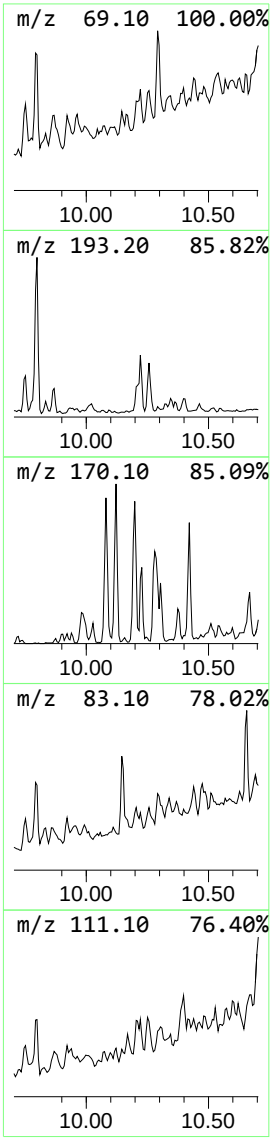
Peak Number 13 unknown10.204 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.204	4.68 ng	797930	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	35
2	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	35
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	35
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	35
5	5-Acetyl-2-thiophenecarboxylic acid	170	C7H6O3S	004066-41-5	30





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Sample : M4127-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-26644

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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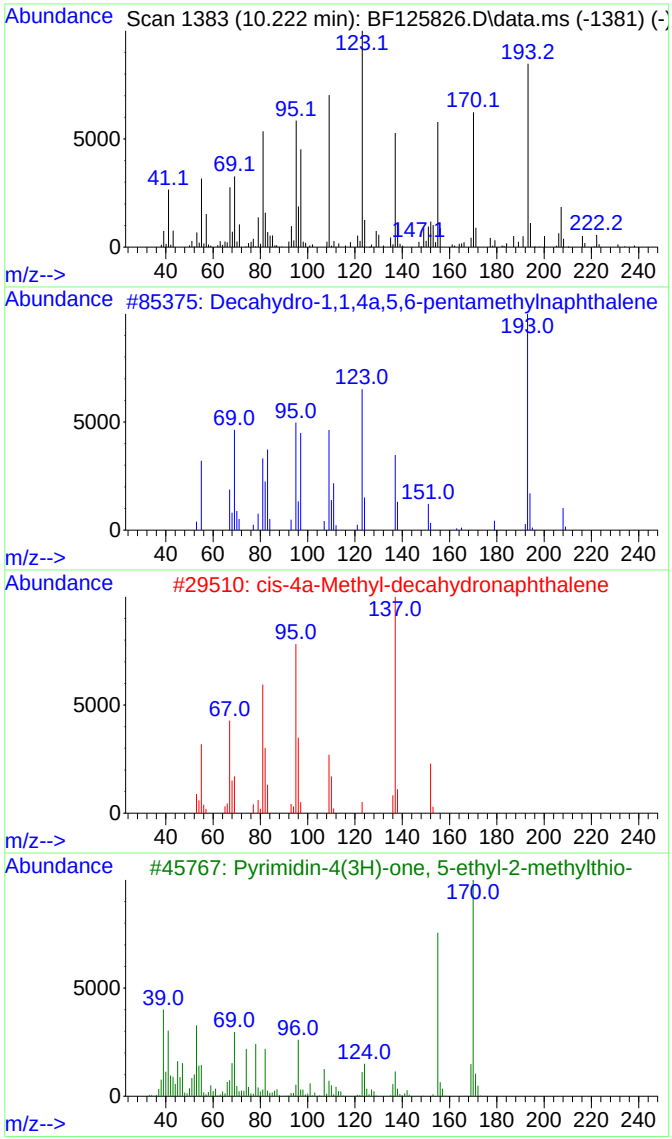
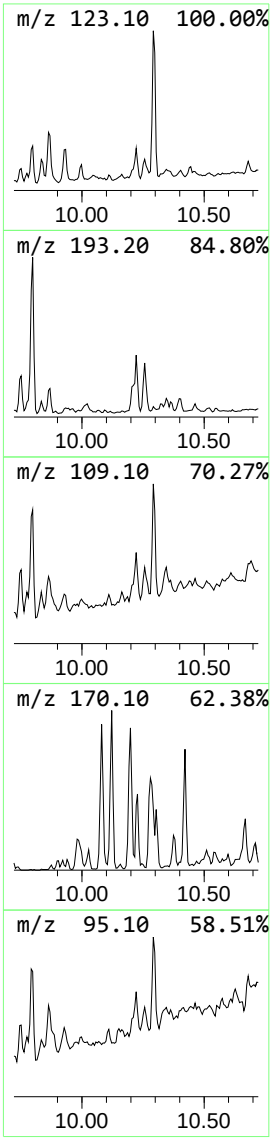
Peak Number 14 unknown10.222 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.222	3.11 ng	529931	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	76
2	cis-4a-Methyl-decahydronaphthalene	152	C11H20	002547-26-4	25
3	Pyrimidin-4(3H)-one, 5-ethyl-2-m...	170	C7H10N2OS	030150-54-0	15
4	N-(2-Aminoethyl)-4-fluorobenzamide	182	C9H11FN2O	094320-00-0	14
5	3-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	154559-38-3	11





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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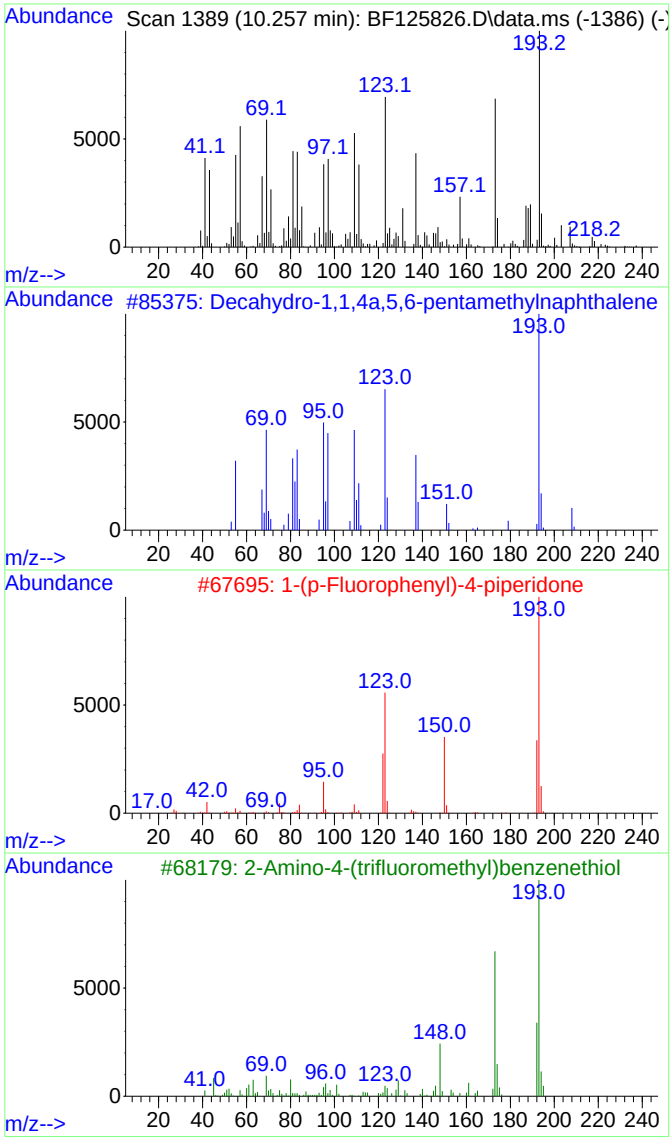
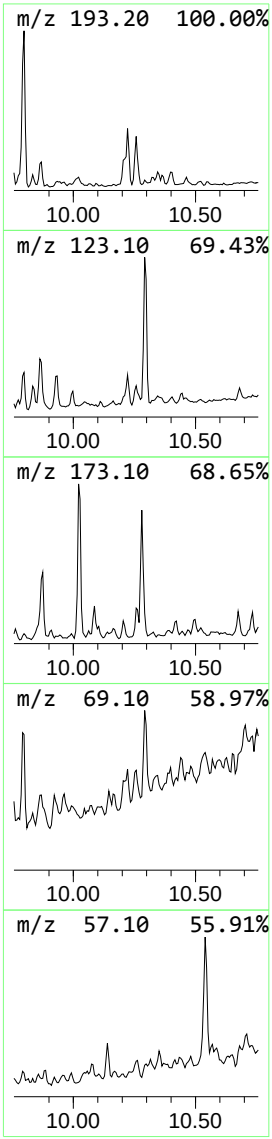
Peak Number 15 unknown10.257 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.257	4.85 ng	826565	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	45
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	25
3	2-Amino-4-(trifluoromethyl)benze...	193	C7H6F3NS	004274-38-8	25
4	Benzenamine, 3-ethoxy-	137	C8H11NO	000621-33-0	15
5	Butan-2-one, 1-[3-(3,3-dimethyl-...	278	C16H26N2O2	1000303-34-2	14





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Sample : M4127-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-26644

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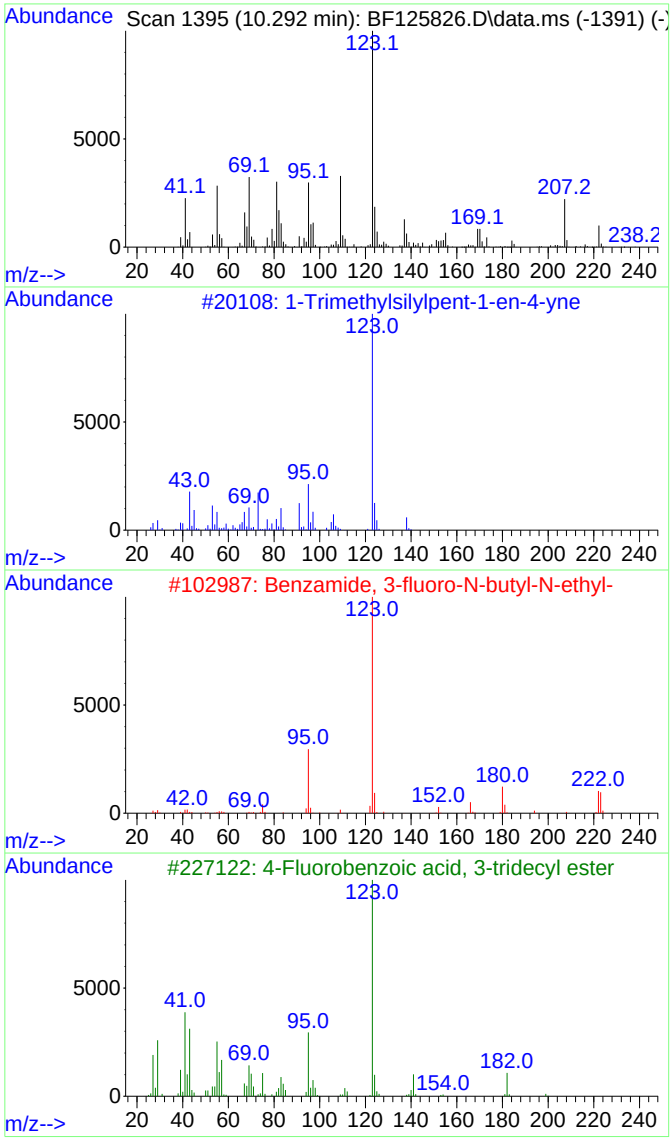
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

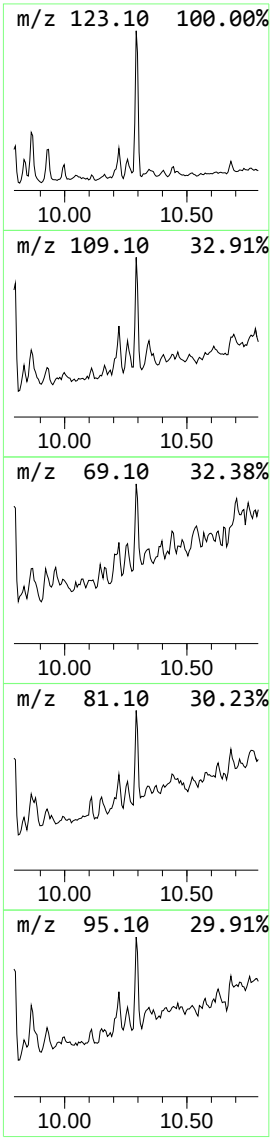
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1-Trimethylsilylpent-1-en-4... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.292	12.56 ng	2139810	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	52
2	Benzamide, 3-fluoro-N-butyl-N-et...	223	C13H18FNO	1010415-85-9	50
3	4-Fluorobenzoic acid, 3-tridecyl...	322	C20H31FO2	1000280-67-9	47
4	photocitral A	152	C10H16O	055253-28-6	47
5	2-Fluoro-N-(1,3-thiazol-2-yl)ben...	222	C10H7FN2OS	000319-38-0	47





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BNA_F
ClientSampleId :
CHRT-26644

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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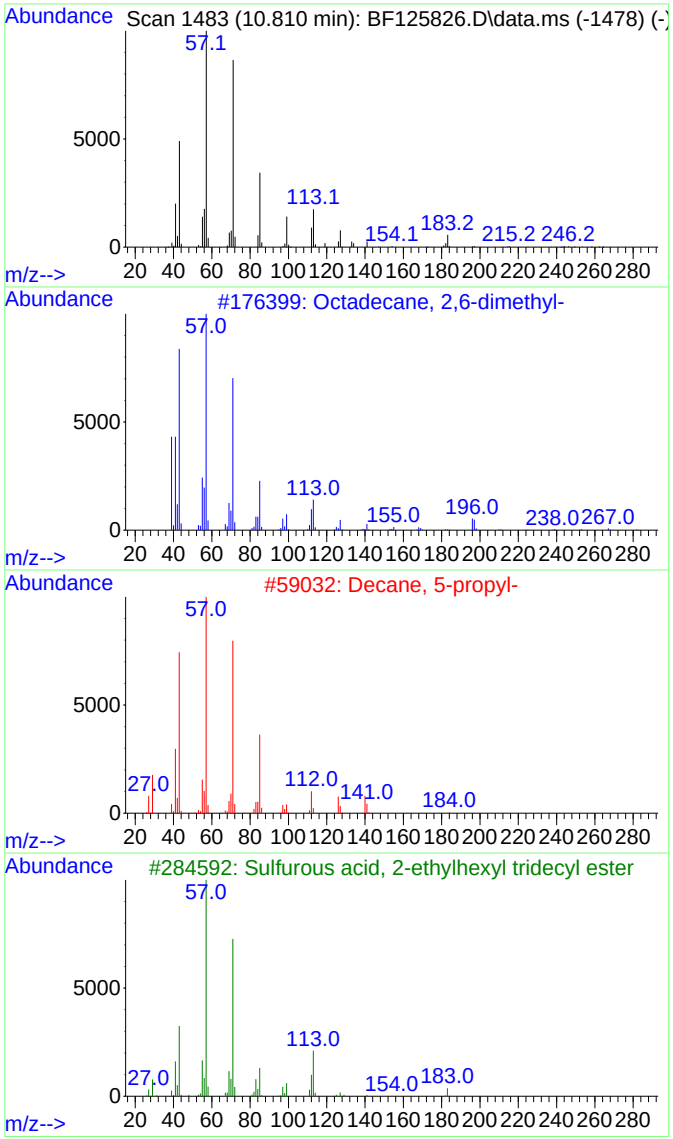
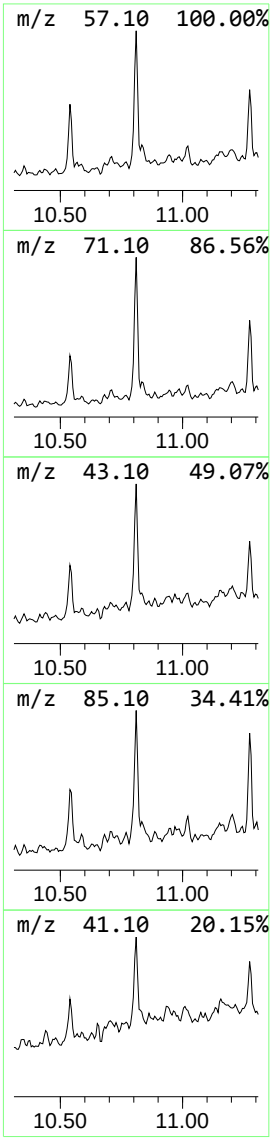
Peak Number 17 Octadecane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.810	59.54 ng	4272750	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	83
2	Decane, 5-propyl-	184	C13H28	017312-62-8	80
3	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	78
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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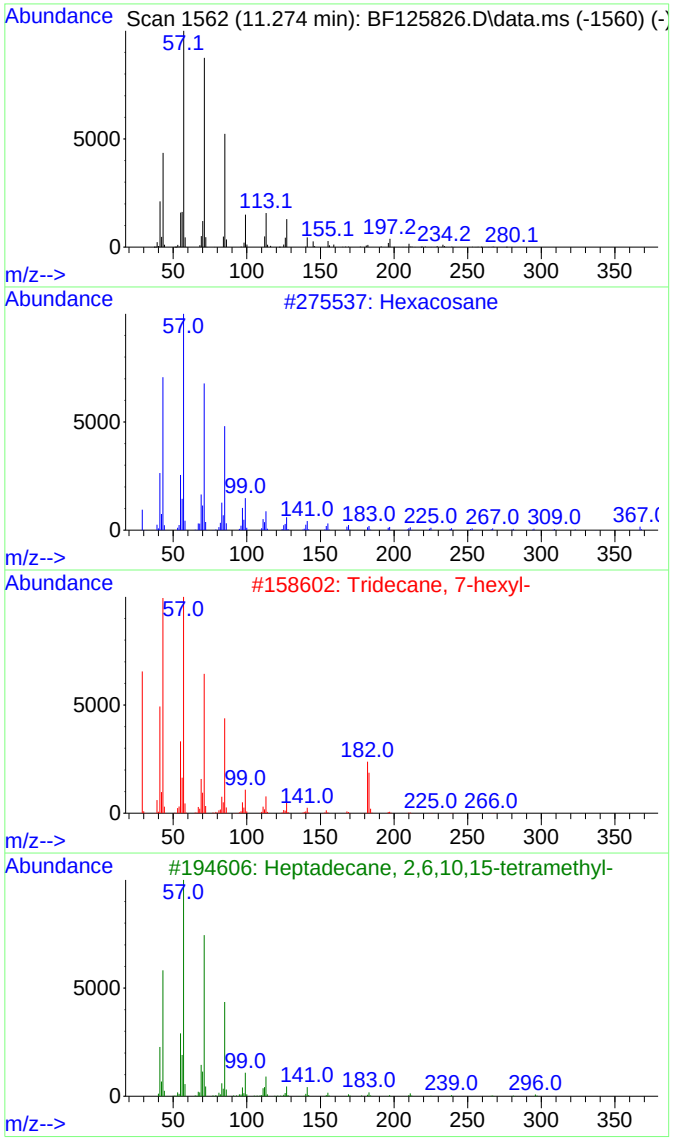
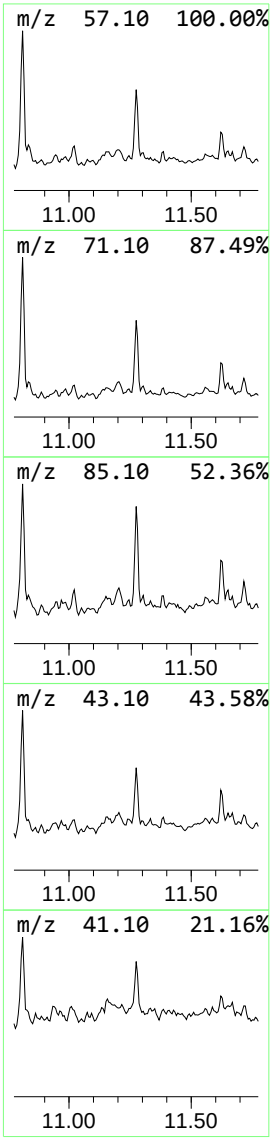
Peak Number 18 Hexacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.275	24.62 ng	1766980	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Hentriacontane	437	C31H64	000630-04-6	83





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Data File : BF125826.D
Acq On : 13 Oct 2021 14:46
Operator : JU/CG
Sample : M4127-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-26644

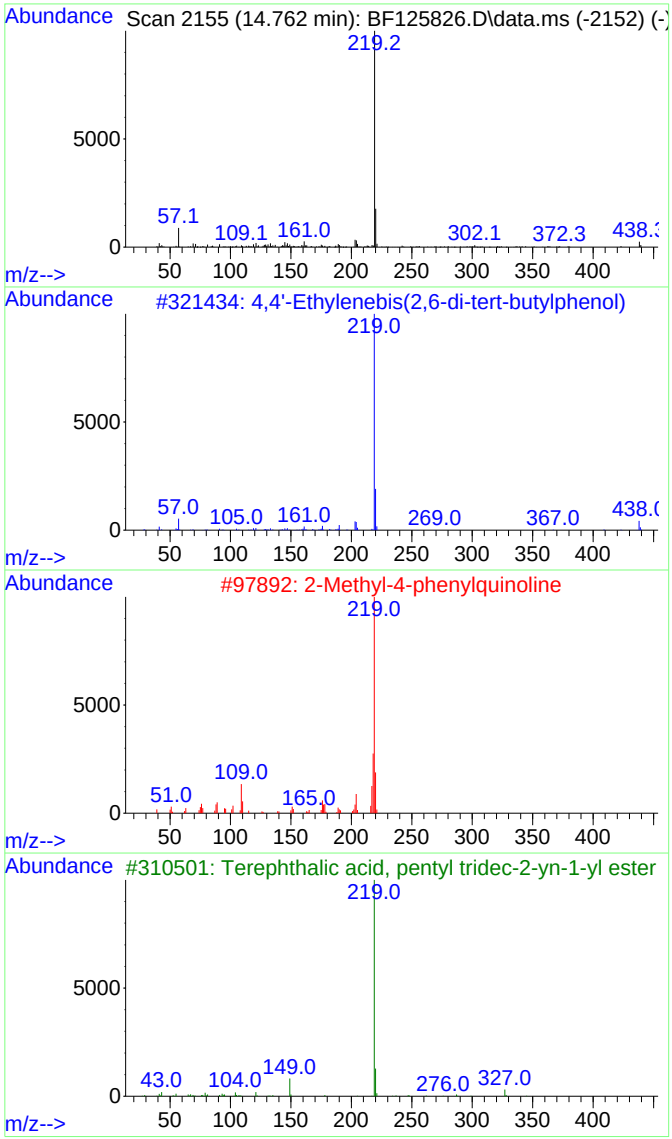
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

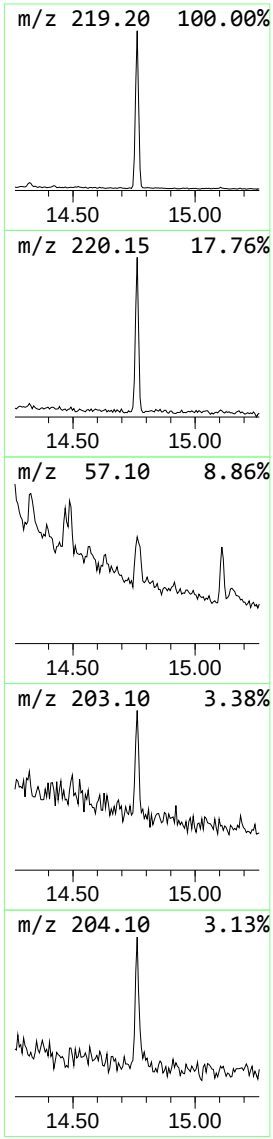
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 4,4'-Ethylenebis(2,6-di-ter... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.762	4.63 ng	228225	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Ethylenebis(2,6-di-tert-but...	438	C30H46O2	001516-94-5	83
2	2-Methyl-4-phenylquinoline	219	C16H13N	001721-92-2	64
3	Terephthalic acid, pentyl tridec...	414	C26H38O4	1000323-92-6	50
4	6-(2-Hydroxy-1-methoxy-3-methylb...	290	C16H18O5	1234985-51-3	50
5	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125826.D
Acq On : 13 Oct 2021 14:46
Operator : JU/CG
Sample : M4127-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-26644

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

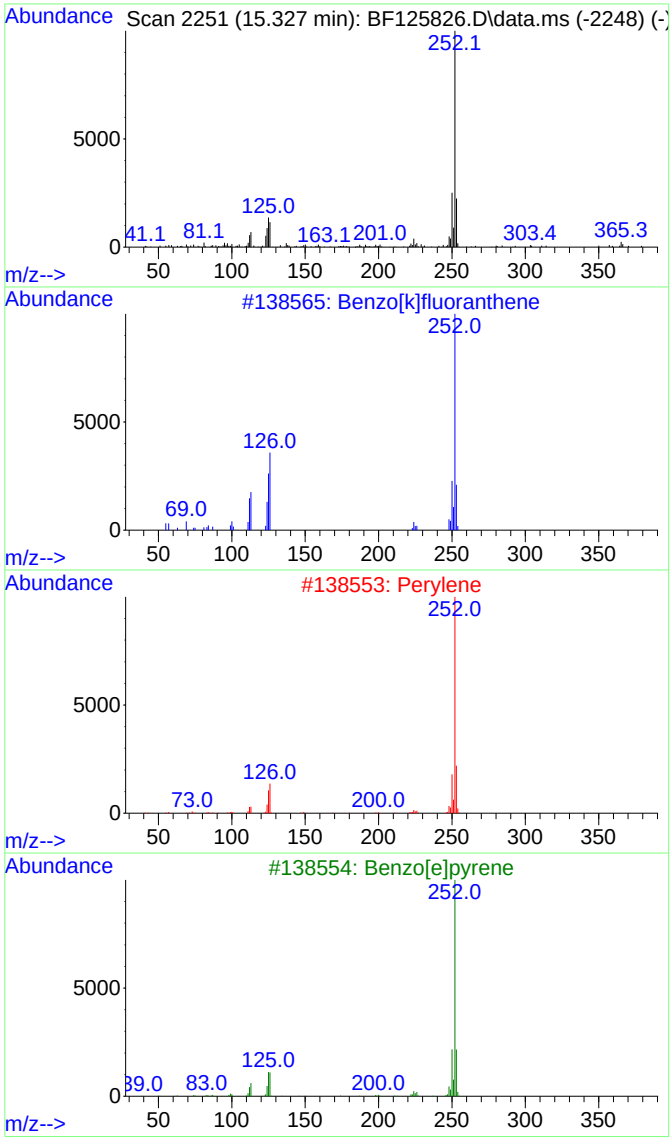
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

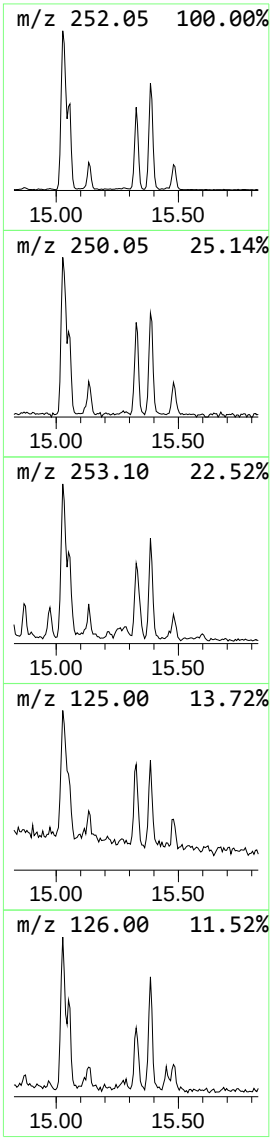
****

Peak Number 20 Perylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	3.95 ng	194774	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[e]pyrene	252	C20H12	000192-97-2	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125826.D
Acq On : 13 Oct 2021 14:46
Operator : JU/CG
Sample : M4127-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-26644

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, cyclop...	7.022	2.4	ng	125295	1	6.845	1037470	20.0
Ethanol, 2-(2-b...	8.022	6.7	ng	485576	2	8.122	1461040	20.0
2-Pentanone, 4-...	9.280	3.5	ng	597799	3	9.880	3407310	20.0
Naphthalene, 2,...	9.539	2.5	ng	426280	3	9.880	3407310	20.0
unknown9.592	9.592	13.9	ng	2365990	3	9.880	3407310	20.0
unknown9.628	9.628	2.7	ng	462745	3	9.880	3407310	20.0
unknown9.651	9.651	2.9	ng	487302	3	9.880	3407310	20.0
Decahydro-1,1,4...	9.751	5.9	ng	1012400	3	9.880	3407310	20.0
unknown9.798	9.798	10.0	ng	1702040	3	9.880	3407310	20.0
unknown9.992	9.992	2.8	ng	469318	3	9.880	3407310	20.0
1,1,4,5,6-Penta...	10.022	2.7	ng	464059	3	9.880	3407310	20.0
unknown10.145	10.145	6.2	ng	1058450	3	9.880	3407310	20.0
unknown10.204	10.204	4.7	ng	797930	3	9.880	3407310	20.0
unknown10.222	10.222	3.1	ng	529931	3	9.880	3407310	20.0
unknown10.257	10.257	4.8	ng	826565	3	9.880	3407310	20.0
1-Trimethylsily...	10.292	12.6	ng	2139810	3	9.880	3407310	20.0
Octadecane, 2,6...	10.810	59.5	ng	4272750	4	11.369	1435290	20.0
Hexacosane	11.275	24.6	ng	1766980	4	11.369	1435290	20.0
4,4'-Ethylenebi...	14.762	4.6	ng	228225	6	15.451	985712	20.0
Perylene	15.327	4.0	ng	194774	6	15.451	985712	20.0